

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (11-96)  
Approved for use through 6/30/99. OMB 0651-0035

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT,  
NOT ACCOMPANYING  
APPLICATION**

Application Number	09/665,394
Filing Date	September 20, 2000
First Named Inventor	Subir VARMA
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	164.1013.01

I hereby appoint:

☒ Practitioners at Customer Number

22883

OR

☐ Practitioner(s) named below:

22883

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		ZIP	
Country					
Telephone		Fax			

I am the:

☐ Applicant.

☒ Assignee of record of the entire interest  
*Certificate under 37 CFR 3.73(b) is enclosed*

**SIGNATURE of Applicant or Assignee of Record**

Name **Reza Majidi-Ahy, President and CEO**

Signature

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	164.1013.01
	<b>First Named Inventor</b>	Subir VARMA
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	09 / 665,394
	<b>Filing Date</b>	September 20, 2000
	<b>Group Art Unit</b>	Not Yet Assigned
	<b>Examiner Name</b>	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Dynamic Wireless Link Adaptation

the specification of which (Title of the Invention)

☐ is attached hereto  
OR  
☒ was filed on (MM/DD/YYYY) September 20, 2000 as United States Application Number or PCT International Application Number 09/665,394 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental

priority data sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label

OR ☐ Correspondence address below

Name	22883		
Address			
Address			
City	State	ZIP	
Country	Telephone	Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Subir	Varma

Inventor's Signature			Date	10/10/00			
Residence: City	San Jose	State	CA	Country	USA	Citizenship	US
Post Office Address	6886 Village Wood Way						
Post Office Address							
City	San Jose	State	CA	ZIP	95120	Country	USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → +

PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<h2 style="margin: 0;">DECLARATION</h2>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
---	---

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Reza				Majidi-Ahy			
Inventor's Signature						Date	10-2-2000
Residence: City						Los Altos	State
Post Office Address		1225 Eva Avenue					
Post Office Address							
City	Los Altos	State	CA	ZIP	94022	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Joseph				Hakim			
Inventor's Signature						Date	
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	Canada
Post Office Address		759 Lakebird Drive					
Post Office Address							
City	Sunnyvale	State	CA	ZIP	94089	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Wendy Chiu Fai				Wong			
Inventor's Signature						Date	
Residence: City	San Jose	State	CA	Country	US	Citizenship	US
Post Office Address		1579 Wawona Drive					
Post Office Address							
City	San Jose	State	CA	ZIP	95125	Country	US

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Reza				Majidi-Ahy			
Inventor's Signature						Date	
Residence: City	Los Altos	State	CA	Country	USA	Citizenship	US
Post Office Address 1225 Eva Avenue							
Post Office Address							
City	Los Altos	State	CA	ZIP	94022	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Joseph				Hakim			
Inventor's Signature						Date	12/16/2000
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	Canada
Post Office Address 759 Lakebird Drive							
Post Office Address							
City	Sunnyvale	State	CA	ZIP	94089	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Wendy Chiu Fai				Wong			
Inventor's Signature						Date	
Residence: City	San Jose	State	CA	Country	US	Citizenship	US
Post Office Address 1579 Wawona Drive							
Post Office Address							
City	San Jose	State	CA	ZIP	95125	Country	US

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
--------------------	---

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Reza				Majidi-Ahy			
Inventor's Signature						Date	
Residence: City	Los Altos	State	CA	Country	USA	Citizenship	US
Post Office Address	1225 Eva Avenue						
Post Office Address							
City	Los Altos	State	CA	ZIP	94022	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Joseph				Hakim			
Inventor's Signature						Date	
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	Canada
Post Office Address	759 Lakebird Drive						
Post Office Address							
City	Sunnyvale	State	CA	ZIP	94089	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Wendy Chiu Fai				Wong			
Inventor's Signature	<i>Wong Chiu Fai</i>					Date	10/10/2001
Residence: City	San Jose	State	CA	Country	US	Citizenship	US
Post Office Address	1579 Wawona Drive						
Post Office Address							
City	San Jose	State	CA	ZIP	95125	Country	US

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 07, 2000

PTAS

SWERNOFSKY LAW GROUP  
JOHN C. MERCHANT  
P.O. BOX 390013  
MOUNTAIN VIEW, CA 94039-00

**\*700002691A\***

\*700002691A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/02/2000

REEL/FRAME: 011082/0245

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

VARMA, SUBIR

DOC DATE: 10/10/2000

## ASSIGNOR:

MAJIDI-AHY, REZA

DOC DATE: 10/25/2000

## ASSIGNOR:

HAKIM, JOSEPH

DOC DATE: 10/10/2000

## ASSIGNOR:

WONG, WENDY CHIU FAI

DOC DATE: 10/10/2000

## ASSIGNEE:

APERTO NETWORKS, INC.  
1637 SOUTH MAIN STREET  
MILPITAS, CALIFORNIA 95035

INIT	SLG
<input checked="" type="checkbox"/>	DATA OK
<input type="checkbox"/>	NEED CORR

CTS  
*[Handwritten signature]*

OPR/ASSIGNMENTS 11/7/00 4:02: PAGE 003/6 RightFAX  
SERIAL NUMBER: 09665394 FILING DATE: 0 20/2000  
PATENT NUMBER: ISSUE DATE:

011082/0245 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



11/02/2000

164.1013.01

700002691

700002691

FORM PTO-1619A

Replaces 06/03/99  
OMB 0551-0027U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

22883

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type



New



Resubmission (Non-Recordation)

Document ID#



Correction of PTO Error

Reel #

Frame #



Corrective Document

Reel #

Frame #

## Conveyance Type



Assignment



Security Agreement



Licence



Change of Name



Merger



Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)



Departmental File



Secret File

## Conveying Party(ies)



Mark if additional names of conveying parties attached

Name (line 1) Varma, Subir

Name (line 2)

Execution Date  
Month Day Year  
10 10 2000

## Second Party

Name (line 1) Majidi-Ahy, Reza

Name (line 2)

Execution Date  
Month Day Year  
10 25 2000

## Receiving Party



Mark if additional names of receiving parties attached

Name (line 1) Aperto Networks, Inc.

Name (line 2) a Corporation of California

Address (line 1) 1637 South Main Street

Address (line 2)

Address (line 3) Milpitas

CA

95035

City

State/Country

Zip Code

☐ If document to be recorded  
is an assignment and the  
receiving party is not  
domestic in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name John C. Merchant

Address (line 1) Swarnofsky Law Group

Address (line 2) P.O.Box 390013


Address (line 3) Mountain View, CA 94039-0013

Address (line 4) United States

## FOR OFFICE USE ONLY

Puerto Rican reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0451-0027), Washington, D.C. 20503. See OMB Information Collection Burden Estimate 0451-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

<b>FORM PTO-1619B</b> <small>Expires 06/30/00 OMB 0051-0027</small>		<b>Page 2</b>		<small>U.S. Department of Commerce Patent and Trademark Office</small> <b>PATENT</b>	
<b>C Correspondent Name and Address</b>				Area Code and Telephone Number <span style="border: 1px solid black; padding: 0 20px;">650.947.0700</span>	
Name <span style="border: 1px solid black; padding: 0 40px;">John C. Merchant</span>		Reg. No. <span style="border: 1px solid black; padding: 0 20px;">45.996</span>			
Address (line 1) <span style="border: 1px solid black; padding: 0 40px;">Swernofsky Law Group</span>					
Address (line 2) <span style="border: 1px solid black; padding: 0 40px;">P.O.Box 390013</span>					
Address (line 3) <span style="border: 1px solid black; padding: 0 40px;">Mountain View, CA 94039-00</span>					
Address (line 4) <span style="border: 1px solid black; padding: 0 40px;">United States</span>					
<b>Pages</b> Enter the total number of pages of the attached conveyance document including any attachments. # <span style="border: 1px solid black; padding: 0 20px;">4</span>					
<b>Application Number(s) or Patent Number(s)</b> <input type="checkbox"/> Mark if additional numbers attached <small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small>					
Patent Application Number(s)			Patent Number(s)		
09665394					
<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named co-inventing inventor.</small> <span style="float: right;">Month Day Year <span style="border: 1px solid black; padding: 0 20px;"></span></span>					
<b>Patent Cooperation Treaty (PCT)</b> Enter PCT application number <small>only if a U.S. Application Number has not been assigned.</small>					
PCT <span style="border: 1px solid black; padding: 0 20px;"></span>		PCT <span style="border: 1px solid black; padding: 0 20px;"></span>		PCT <span style="border: 1px solid black; padding: 0 20px;"></span>	
PCT <span style="border: 1px solid black; padding: 0 20px;"></span>		PCT <span style="border: 1px solid black; padding: 0 20px;"></span>		PCT <span style="border: 1px solid black; padding: 0 20px;"></span>	
<b>Number of Properties</b> Enter the total number of properties involved. # <span style="border: 1px solid black; padding: 0 20px;">1</span>					
<b>Fee Amount</b> Fee Amount for Properties Listed (37 CFR 3.41): \$ <span style="border: 1px solid black; padding: 0 20px;">40.00</span>					
Method of Payment: Enclosed <input type="checkbox"/> Deposit Account <input checked="" type="checkbox"/>					
Deposit Account <small>(Enter for payment by deposit account or if additional fee can be charged to the account.)</small>					
Deposit Account Number:				# <span style="border: 1px solid black; padding: 0 20px;">60-0385</span>	
Authorization to charge additional fees: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
<b>Statement and Signature</b>  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i>					
John C. Merchant				November 2, 2000	
Name of Person Signing		Signature		Date	

FORM PTO-1619C  
Expires 06/30/99  
OMB 0651-0027RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLYU.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Hakim, Joseph

Execution Date  
Month Day Year  
10 10 2000

Name (line 2)

Name (line 1) Wong, Wendy Chiu Fai

Execution Date  
Month Day Year  
10 10 2000

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



ASSIGNMENT

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

  
\_\_\_\_\_  
Subir Varma  
\_\_\_\_\_  
Reza Majidi-Ahy  
\_\_\_\_\_  
Joseph Hakim  
\_\_\_\_\_  
Wendy Chiu Fai Wong

## ASSIGNMENT

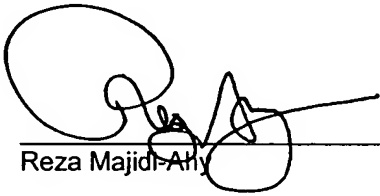
WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "**Dynamic Wireless Link Adaptation**" for which we have executed application papers for a U.S. patent thereon, which was filed on **September 20, 2000, Serial No. 09/665,394**; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_ 25 \_\_\_\_\_, this 25<sup>th</sup> day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Subir Varma

  
\_\_\_\_\_  
Reza Majidi-Ahy

\_\_\_\_\_  
Joseph Hakim

\_\_\_\_\_  
Wendy Chiu Fai Wong

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

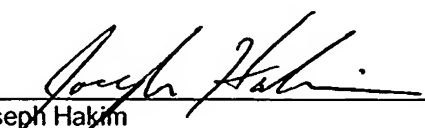
WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

\_\_\_\_\_  
Subir Varma

\_\_\_\_\_  
Reza Majidi-Ahy

  
\_\_\_\_\_  
Joseph Hakim

\_\_\_\_\_  
Wendy Chiu Fai Wong

22883

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

\_\_\_\_\_  
Subir Varma

\_\_\_\_\_  
Reza Majidi-Ahy

\_\_\_\_\_  
Joseph Hakim

  
\_\_\_\_\_  
Wendy Chiu Fai Wong

Assignment

22883

PTO/SB/96(6-98)  
 Approved for use through 09/30/2000. OMB 0651-0031  
 Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Subir VARMAApplication No./Patent No.: 09/665,394 Filed/Issue Date: September 20, 2000Entitled: Dynamic Wireless Link AdaptationAperto Networks, Inc.Corporation

, a

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11-7-00

Date

Signature

Reza Majidi-Ahy

Typed or printed name

President and CEO

Title



COPY

## ASSIGNMENT

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

  
\_\_\_\_\_  
Subir Varma  
\_\_\_\_\_  
Reza Majidi-Ahy  
\_\_\_\_\_  
Joseph Hakim  
\_\_\_\_\_  
Wendy Chiu Fai Wong

Assignment

COPY

22883

164.1013.01

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_ 25, this 25<sup>th</sup> day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Subir Varma

\_\_\_\_\_  
Reza Majidi-Ahy

\_\_\_\_\_  
Joseph Hakim

\_\_\_\_\_  
Wendy Chiu Fai Wong

Assignment

COPY

22883  
PATENT TRADEMARK OFFICE

164.1013.01

ASSIGNMENT

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "**Dynamic Wireless Link Adaptation**" for which we have executed application papers for a U.S. patent thereon, which was filed on **September 20, 2000, Serial No. 09/665,394**; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

\_\_\_\_\_  
Subir Varma

\_\_\_\_\_  
Reza Majidi-Ahy

Joseph Hakim  
Joseph Hakim

\_\_\_\_\_  
Wendy Chiu Fai Wong

Assignment

COPY

## ASSIGNMENT

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this 10<sup>th</sup> day of October, 2000.

\_\_\_\_\_  
Subir Varma

\_\_\_\_\_  
Reza Majidi-Ahy

\_\_\_\_\_  
Joseph Hakim

Wendy Chiu Fai Wong  
Wendy Chiu Fai Wong

Assignment